

27 Bleeker Street Millburn, NJ 07041-1008 Telephone: 201-379-3400 201-912-2400

64-2057 Telex:

February 17, 1993

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Ms. Kathleen Katz Case Manager Industrial Site Evaluation Element New Jersey Department of Environmental Protection and Energy CN 028 401 East State Street, Floor 5 Trenton, New Jersey 08625-0028

> RE: January 1993 Monthly Progress Report on Remedial Activities at the Former Hexcel Site 205 Main Street, Lodi Borough Bergen County, New Jersey ECRA Case No. 86009

Dear Ms. Katz:

On behalf of Hexcel Corporation, Killam Associates (Killam), has prepared this summary report of remedial activities performed at the above referenced site during the period of January 1, 1993 to February 15, 1993. This report satisfies the requirements of Paragraph 36 of the New Jersey Department of Environmental Protection and Energy (NJDEPE) conditional approval letter of July 31, 1990.

A. GROUNDWATER

Collection of Basement Seepage Water
The air stripping towers and incinerator were operated during the month of January 1993 in order to treat 4,050 gallons of basement seepage water collected during the month of December, 1992.

Upper Overburden Aquifer

No additional work was performed relating to the upper overburden aquifer during the month of January.

Lower Overburden Aguifer

No additional work was performed relating to the lower overburden aquifer during the month of January.

SDMS Document



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B. SOILS

No additional work was performed relating to soils during the month of January.

C. GROUNDWATER TREATMENT SYSTEM OPERATION

The 4,050 gallons of basement seepage water collected in the month of December and treated during January 1993, has not been discharged to the Passaic Valley Sewerage Commissioners (PVSC) as the PVSC Permit for Hexcel under Fine Organics (Permit #17405042) expired on November 30, 1992. Killam has applied for an extension to this permit with the PVSC.

On February 16, 1993, Hexcel disposed of approximately 3,950 gallons of treated basement seepage water from December of 1992. The treated water was transported by Cambridge Chemical Cleaning, Inc. and disposed of at E. I. Dupont de Nemours & Co., Inc., Chambersworks, located in Deepwater, New Jersey. A copy of the manifest is included in Appendix A of this report.

Although Hexcel did not discharge during the month of January, it is still necessary to file the appropriate PVSC MR-2 form and the NJPDES SIU Permit Discharge Monitoring Report (DMR). Copies of these forms are included in Appendix B of this report.

D. DENSE NON-AQUEOUS PHASE LIQUID (DNAPL)

In accordance with the Groundwater/DNAPL/LNAPL Monitoring Plan of October, 1992, DNAPL measurements are currently being collected and results will be presented in the progress report for February.

E. LIGHT NON-AQUEOUS PHASE LIQUID (LNAPL)

In accordance with the Groundwater/DNAPL/LNAPL Monitoring Plan of October, 1992, LNAPL and groundwater measurements are currently being collected and results will be presented in the progress report for February.

F. STATUS OF PERMITS

Air Control Apparatus

No activity occurred during this time period.

NJPDES SIU Permit

On February 16, 1993, Hexcel received a Public Notice from the New Jersey Department of Environmental Protection and Energy (NJDEPE) regarding the termination of NJPDES/SIU Permits. The NJDEPE proposes to terminate the NJPDES/SIU Permit for the Hexcel Corporation facility located at 205 Main Street in the Borough of Lodi, New Jersey. Under this proposal, Hexcel would be able to continue discharging after this



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termination in accordance with the Passaic Valley Sewerage Commissioners' approved pretreatment requirements. Therefore, Hexcel will no longer require a NJPDES/SIU Permit if this proposal is accepted. A copy of the NJDEPE letter is included in Appendix C of this report.

PVSC Discharge Permit

The PVSC Permit #17405042 for the Hexcel Corporation, expired on November 30, 1992. Hexcel has applied for an extension with the PVSC until the final PVSC Permit for the Hexcel Corporation is issued. Hexcel could discharge under Fine Organics discharge line. However, Fine Organics has refused to grant permission to the Hexcel Corporation to use their (Fine Organics') discharge line. Therefore, the groundwater treatment system will most likely not be fully operational until the PVSC Permit is received by Hexcel or Fine Organics issues an approval.

NJPDES Discharge to Groundwater Permit

No additional work was performed relevant to the NJPDES DGW Permit during the month of December.

NJPDES Discharge to Surface Water Permit

No additional work was performed relevant to the NJPDES DSW Permit during the month of December.

G. WASTE DISPOSAL ACTIVITIES

On February 4, 1993, eighty-four (84) drums of hazardous waste were removed from the Hexcel facility under the supervision of Killam and Direct Environmental, Inc. of East Orange, New Jersey. The drums were transported by John P. Frommer A.W., Inc. to a licensed facility called Pollution Solutions of Vermont, Inc., located in Williston, Vermont. Copies of the manifests are included in Appendix D of this report.

H. RESPONSE TO NJDEPE LETTER (1/23/93)

In a letter from the NJDEPE dated January 23, 1993, the NJDEPE requested that Hexcel enter a response in this month's progress report. Killam is currently trying to schedule a conference call with the NJDEPE regarding Hexcel's response. A written response will be issued by Hexcel after the discussion with the NJDEPE has occurred.



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If you have any questions or comments regarding this report, please do not hesitate to contact me at (201) 912-2489.

Very truly yours,

KILLAM ASSOCIATES

Gary K. Walker

Senior Project Scientist

cc: A. William Nosil, Hexcel Corporation James Higdon, Fine Organics Lisa Bromberg, Esq. Essam Saleh, Hexcel Corporation

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APPENDIX A

Manifest for Treated Basement Water February 16, 1993



State of New Jersey partment of Environmental Protection and Hazardous Waste Regulation Program Manifest Section CN 028, Trenton, NJ 08625-0028

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APPENDIX B

MR-2 and DMR for January, 1993

DISCHARGE MONITORIN	U REPORT (DAIR)
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OPERATING EXCEPTIONS/PERMIT NONCOMPLIANCE DETAILED/COMMENTS

If you checked "yes" for permit noncompliance, explain the reason(s) for being out of compliance and what measures are being taken to achieve compliance. Provide a schedule for any corrective action.

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Licensed Operator
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FOR SIU ONLY (Attach necessary explanations):
I. Notification of Changed Discharge (Since your last Monitoring Report):
(a) Has any process, operation or method of wastewater at your facility changed? If yes, provide an explanation. $_$ Yes $\underline{\mathcal{V}}$ No
(b) Has there been a substantial change in the volume or character of pollutants in your discharge, including the
listed or characteristic hazardous wastes for which initial notification has been submitted under 40 CFR
403.12(p)? If yes provide an explanation.
I. One Time Notification:
(a) Has-your facility discharged a substance into the POTW not already reported under the self monitoring
requirements of 40 CFR 403.12(b), (d), and (e) which if otherwise disposed of would be a hazardous waste
under 40 CER Part 261?YesNo
(b) Has your facility discharged more than 15 kg of non-acute hazardous wastes and/or any acute hazardous wastes
as specified in 40 CFR 261.30(d) and 40 CFR 261.33(e) into the POTW during any calendar month in the
reporting period?Yes No
(c) Has your facility not previously submitted notification in accordance with 40 CFR 403.12(p)? Yes No
Submit the following information if you have answered "yes" to (a), (b), and (c) of this Section:
Name of hazardous wasteEPA hazardous waste no
Type of discharge (batch, continuous, or other)
(d) Has your facility discharged more than 100 kg of hazardous waste to the POTW during any calendar month in
the reporting period? If yes, attach the following information to the extent such information is knownYesNo
and readily available to you: (1) Identity of hazaroous constituents contained in wastes
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(2) Estimate of mass and concentration of such constituents in the wastestream discharging during the
applicable month.
(3) Estimate of mass of constituents in the wastestream expected to be discharged during the following
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(e) If your answer to any of the items noted in Section II. is "yes", then attach a copy of the program required under 45 CFR
403.12(p)(4) in place to reduce the volume and toxicity of hazardous wastes generated to the degree which you have
determined to be economically practical.
Noted program is: Attached Not Attached Not Applicable
ERTIFICATION (ALL PERMITTEES):
ertify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance
h a system designated to assure that qualified personnel properly gather and evaluate the information submitted. Based on my
uiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of
wlodge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false
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EWATER TREATMENT SYSTEM LICENSED OPERATOR PRINCIPAL EXECUTIVE OFFICER on DULY AUTHORIZED REPRESENTATIVE *
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APPENDIX C

Letter of Public Notice

PUBLIC NOTICE

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

TERMINATION OF NJPDES/SIU PERHITS

Take notice that the New Jersey Department of Environmental Protection and Energy (Department) proposes to terminate the individual New Jersey Pollutant Discharge Elimination System (NJPDES)/Significant Indirect User (SIU) Permits issued to the following facilities:

PERMIT NAME	PERMIT NUMBER NJ00 <u>CITY</u>	DELEGATED LOCAL AGENCY		Flow MGD
Spectraserve	36030 Kearny	Passaic Valley SC	4952 0	.140
Hexcel Corp.	81507 Lodi	Passaic Valley SC	CGW* 0	

^{*}CGW means contaminated groundwater.

The subject NJPDES/SIU permits were issued for wastewater discharges to a delegated local agency, which has a departmentally approved industrial pretreatment program in accordance with 40 CFR 403 and N.J.A.C. 7:14A-13.1(a). The above facilities may continue discharging after this proposed termination in accordance with the delegated local agency's approved industrial pretreatment program requirements. In addition, the permittee shall be deemed to possess a NJPDES/SIU Permit-by-Rule consistent with requirements as specified in N.J.A.C. 7:14A-13.5.

It was the Department's original intent not to issue individual permits to industries discharging to local agencies with approved pretreatment programs. However, due to the delegated local agencies' limited enforcement authority, the Department issued individual NJPDES/SIU permits to selected SIUs, which the local agencies felt had the potential for the greatest impact to their facilities.

Pursuant to recently adopted amendments to N.J.A.C. 7:14A-1 et seq., discharges from the above listed facilities to delegated local agencies no longer need individual NJPDES/SIU permits. Furthermore, the Clean Water Enforcement Act, L. 1990, c.28, as revised by L. 1991, c.8, provides adequate enforcement authority to local agencies with approved pretreatment programs. Hence, the Department, in order to eliminate duplicate permitting and enforcement of permit violations, proposes to terminate the aforementioned permits in accordance with N.J.A.C. 7:14A-2.13(a)7 and N.J.A.C. 7:14A-10.5(g).

This notice is being given to inform the public that the Department intends to terminate the aforementioned individual NJPDES/SIU permits in accordance with the "Regulations Concerning the New Jersey Pollutant Discharge Elimination System" (N.J.A.C. 7:14A), which were promulgated pursuant to the authority of the New Jersey "Water Pollution Control Act" (N.J.S.A. 58:10A-1 et seq.).

Copies of the administrative records related to these permits are on file at the offices of the NJDEPE, located at the address below. They are available for inspection, by appointment, between 8:30 a.m. and 4:00 p.m., Monday through Friday. Appointments for inspection of the files may be scheduled by calling (609)-292-0400. Copies of these records may be obtained for a nominal charge by contacting the Department.

RECEIVED

RECEIVED

27 BLEEKER ST. MILLBURN, N.J. 07041

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Interested persons may submit written comments on the proposed termination to the Administrator, Wastewater Facilities Regulation Program, at the address cited below. Written comments must be submitted by March 3, 1992. All persons, including the permittees, who believe that any condition of this proposed termination is inappropriate or that the Department's decision to issue this proposed termination is inappropriate, must raise all reasonably ascertainable issues and submit all reasonably available arguments and factual grounds supporting their position, including all supporting material, by the close of the public comment period. All comments submitted by interested persons in response to this notice, within the time limit, will be considered by the NJDEPE with respect to the proposal. At the close of the public comment period, the Department will either terminate this permit, leave it in place, or take other appropriate action. The Department will respond to all significant and timely comments when a final notice is issued. The applicant and each person who has submitted written comments will receive notice of the NJDEPE's final decision.

Any interested person may request in writing that the NJDEPE hold a non-adversarial public hearing regarding this proposed termination. This request shall state the nature of the issues to be raised in the proposed hearing as detailed above, and shall be submitted to the Administrator at the address below by March 3, 1992. A public hearing will be conducted whenever the NJDEPE determines that there is a significant degree of public interest. If a public hearing is held, the public comment period in this notice shall automatically be extended to the close of the public hearing.

Additional information concerning the proposed termination may be obtained between the hours of 8:00 a.m. and 4:00 p.m., Monday through Friday from: Nilesh Naik at (609)-292-4860.

Dennis Hart, Administrator Wastewater Facilities Regulation Program CN 029 Trenton, NJ 08625

STATEMENT OF BASIS

The Department has approved industrial pretreatment programs for 22 local agencies in accordance with 40 CFR 403 and N.J.A.C. 7:14A-3.13(a)10. The Department, at the time of the approvals, ensures that the local agency had adequate resources, statutory enforcement and legal authorities to implement the pretreatment program in accordance with 40 CFR 403.8 (f). It was the Department's original intent not to issue individual permits to the industries discharging to those local agencies with approved pretreatment programs. However, due to the delegated local agencies' limited enforcement authority to enforce the local agency issued permits, the Department had issued individual NJPDES/SIU permits to selected industrial dischargers, which the Department felt had potential for the greatest impact on the local agency. The Department oversees the implementation of all the approved programs by conducting annual audits to ensure that the programs are implemented as approved.

Pursuant to recently adopted amendments to the N.J.A.C. 7:14A-1 et seq., most of the facilities discharging into a delegated local agency does not need an individual NJFDES/SLU permit. Furthermore, the Clean Water Enforcement Act, P.L. 1990, c.28, as revised by P.L. 1991, c.8, provides the delegated local agencies new expanded enforcement authority essentially equivalent to the Department's. Hence, the Department, in order to eliminate duplicate permitting and enforcement of permit violations, proposes the terminations of those permits issued to industrial facilities discharging to delegated local agencies.

permit is terminated in accordance with the delegated local agency's approved industrial pretreatment program requirements and control mechanisms. In addition, the permittee shall be deemed to posses a NJPDES/SIU Permit-by-Rule consistent with requirements as specified in N.J.A.C. 7:14A-13.5.



APPENDIX D.

Manifests for Drums

February 4, 1993



VERMONT AGENCY OF NATURAL RESOURCES HAZARDOUS MATERIALS MANAGEMENT

103 South Main Street Waterbury, Vermont 05671-0404 802-244-8702

Please type (or	print) (Form	designed for	r use on elite	(12-pitch)	typewriter.)

P	lease type (or print) (Form designed for use on elite (1	2-pitch) typewriter.)	1				FOF	R STATE USE	ONLY
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	3. Generator's Name and Mailing Address (where r	eturned manifests ar	e managed)		A. Sta	te Manifest			
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Ĺ	Pollution Solutions of Ver	nont, inc.				ns. 2 Phone	<u> </u>	<u> </u>	
ļ	2 Avenue D	_			-	te Facility's		 _	·
	Williston, Vermont 05495		I, T. D. 9. 8. 2. 7	7, 6, 6, 5, 3, 7	H. Fac	ility's Phone	<u>(802</u>)	860-1200	
	11. US DOT Description (Including Proper Shipping	Name Hazard Class	s and ID Number)	12. Conta	ainers	13. Total	14. Uni		
	to do bot bescription (including Proper Shipping	Name, mazaru Ciass	s, and 1D Number)	No.	Туре	Quantit			140.
<u>ت</u>	^a RQ Hazardous Waste liquis,		Side # 21					EPA	
N		11.0.5.	Guide # 31				G	FOO5,FOO	e,rus
Ε	ORM-E NA9189 (F002)			XU Q	DM	x364	10	SIAIZ	
Ŗ	b.PO Hagardova Hagta Substant	- 6-1:-		- 73		1 × 1 1 1		EPA	
Α,	DRM-E NA9189 Guide # 31	e some, n.	.o.s.				D	None	
כו	ORM-E NA9189 Guide # 31 (Poly Chlorinated Biphenyls	.1		VVIC	heal	X450	P	STATE T	0.1
3	c.	·)		XX.I.S		<u> </u>	-	EPA	
ŀ	<u> </u>		the desire	w.					_ <u></u>]
H			•					STATE	
						_ 		FDA	
	d.				.**			EPA	
								STATE	
						_ .		<u> </u>	
	J. Additional Descriptions for Materials Listed Above		=-		K. Han Inter			Listed Above nterim	Final
	a D027, D040, D039,	c.	r Tanahan makina	\$ 4.50 J. 600.	a.	1	c. "	1	1 11121
IJ	Water 90% Solids 10%				S01		\mathbf{T}	e i e i	.
ı		 a						-	
	Debris 100%				^{b.} S01		T C		
	15. Special Handling Instructions and Additional Info	ormation	Point o	of Departure or Entry	y - City,	State	_		
	DEI Job # 920143 PO	# 2198	Lod	i, New Jers	sey				ł
	VIN # NJ	Decal #440	47,44680						1
	24Hr. Emergency Phone # (20	1)677-1800	111 - 1480						1
	16. GENERATOR'S CERTIFICATION: I hereby dec.		of this consignment a	re fully and accurate	ely desc	ribed above	by		
١	proper shipping name and are classified, packed according to applicable international and national	d, marked, and labele	ed, and are in all respe	ects in proper condit	tion for t	ransport by			
		•	1	-					
	If I am a large quantity generator, I certify that I is economically practicable and that I have selected								
	and future threat to human health and the enviro	onment; OR, if I am a	small quantity operato	or, I have made a go	od faith	effort to mir	nimize my wa	aste generation	and
}	select the best waste management method that	is available to me an				11		Month Day	Vaar
1	Printed/Typed Name	-11	Signature	AM E	\mathcal{A}	YPIL	=	Month Day	Year
4	X ESSAFIE SALE	/ 	X	111 /	<u> </u>	40//		02100	1143
	17. Transporter 1 Acknowledgement of Receipt of	Materials			_/,	2_0			
1	Printed yped Name	,)	Signature	()-	#			Month Day	Year
	X KAYMOND LUSH	MAN	XKan	mond	Que	show		02104	14.3
	18. Transporter 2 Acknowledgement of Receipt of	Materials						,	
ſ	Printed/Typed Name		Signature					Month Day	Year
	· · · · · · · · · · · · · · · · · · ·					•	¥.	1.1	1
†	19. Discrepancy Indication Space								
1									

[] Nicl [] Tha [] Liqu •= TREA II. ADDITIO [] No [] Tre	kei (Ilquid waste) : Illium (Ilquid waste Ild Hazardous Wa T TO BELOW Ca NAL HAZARDOL additional hazardo atment standards	e) > 130 ppm [aste, pH < 2 (DEACT ALIFORNIA LIST CO US CHARACTERIST OUR characteristic are	I As > 550 I Pb > 500 I) ONCENTR IICS: a exhibited learned chi	ppm []Cd> ppm []Se> []Uqui ATIONS by this waste wharacteristics req	100 ppm [d Free Cyanid ich would requiring treatmer	T > 130 ppm* e > 1000 ppm* lire treatment beyond are indicated below.] Hg > 500 pp the standard d		
	Check any applic	able subcategories.							
HAZAR	DOUS WASTE SUE	BCATAGORIES	N	ON-WASTE WAT TOTAL (mg/kg)	ı	WASTE WATER TOTAL (mg/L)			
j D001 - ignitabi j D001 - ignitabi	onosives	DC C, < 1% TSS	in	CIN, FSUBS, ROF DEACT N/A DEACT DEACT DEACT DEACT DEACT	RGS	NA NA DEACT NA DEACT DEACT DEACT			
ABBREVIATION	S OF TECHNOL	OGY CODES FROM	M 40 CFR 2	268.42:					
DG CARBN CHOXD DEACT	Amalgamation Biological degrad Carbon absorptio Chemical oxidatio Deactivation to re Fuel substitution	n	stic	ING RL RC RT	CIN IR EAD T DRGS R THRM T	ncineration followed by ncineration hermal recovery of lea ecovery of organics hermal recovery /et air oxidation			
TABLE B:									
مم منطلا في المنا		# from the manifest ategory, check none	if there is	i .					
. Complete specific te	chnology column	ndards section by pla (listed above). olumn that applies to	acing a che	ckmark in the ap	propriate perfo	ormance-based colum	n or write the a	ppropriate code in the	•
Complete specific te Place a ch	echnology column neckmark in the co	ndards section by pla (listed above). olumn that applies to	acing a che	ckmark in the ap	4. PLICABLE TREA	TMENT SPECIFIED	WASTE MA	5. ANA GEMENT THOD NON-WASTE	
i. Complete specific te place a ch	chnology column neckmark in the column 2. MANIFEST LINE #	ndards section by pla (listed above). olumn that applies to	acing a che	ckmark in the ap	4. PLICABLE TREA	TMENT SPECIFIED TECHNOLOGY 268.42	WASTE M	5. ANA GEMENT THOD	•
Complete specific te place a ch	MANIFEST LINE #	ndards section by pla (listed above). olumn that applies to 3. SUBCATEGORY	the waste.	ckmark in the ap	4. PLICABLE TREA NCE BASED 268.43	TMENT SPECIFIED TECHNOLOGY	WASTE M. ME WASTE	5. ANA GEMENT THOD NON-WASTE	
Complete specific te Place a ch	MANIFEST LINE #	ndards section by pla (listed above). olumn that applies to 3. SUBCATEGORY	the waste.	ckmark in the ap	4. PLICABLE TREA NCE BASED 268.43	TMENT SPECIFIED TECHNOLOGY 268.42	WASTE M. ME WASTE	5. ANA GEMENT THOD NON-WASTE	
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Complete specific te specific te Place a ch. 1. HAZARDOUS ASTE CODE FOCS FOCS FOCS FOCS DO27 DO40 DO3C1	MANIFEST LINE #	ndards section by pla (listed above). olumn that applies to 3. SUBCATEGORY	the waste.	ckmark in the ap	4. PLICABLE TREA NCE BASED 268.43	TMENT SPECIFIED TECHNOLOGY 268.42	WASTE M. ME WASTE	5. ANA GEMENT THOD NON-WASTE	
Complete specific te place a chi. 1. HAZARDOUS ASTE CODE OCS FOUL FOUL DO27 DO40 DO39 VTOI	MANIFEST LINE # 11 & 11 & 11 & 11 & 11 & 11 & 11 & 1	ndards section by pla (listed above). olumn that applies to 3. SUBCATEGORY DESCRIPTION	none	APF PERFORMAL 258.41(a) CCW	4. PLICABLE TREA NCE BASED 268.43 CCWE	TMENT SPECIFIED TECHNOLOGY 268.42 TNCTN	WASTE MA ME WASTE WATER	5. ANA GEMENT THOD NON-WASTE	
Complete specific te specific te Place a chi. 1. HAZARDOUS ASTE CODE OCS FOOL FOOL FOOL OCY DO27 DO40 NO3 CI	MANIFEST LINE # 113 113 115 CCW - Constitue	ndards section by pla (listed above). olumn that applies to 3. SUBCATEGORY DESCRIPTION nt concentrations in v	NONE NONE Waste	APF PERFORMAI 258.41(a) CCW	A. PLICABLE TREA NCE BASED 268.43 CCWE WE - Constitu	TMENT SPECIFIED TECHNOLOGY 268.42 TNCIN	WASTE MA ME WASTE WATER	5. ANA GEMENT THOD NON-WASTE	
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Complete specific te specific te Place a chi. HAZARDOUS ASTE CODE FOOS FOOS DO27 DO40 NO3C1 VTOI	MANIFEST LINE # 11 & 11 & 11 & 11 & 11 & 11 & 11 & 1	ndards section by pla (listed above). olumn that applies to 3. SUBCATEGORY DESCRIPTION Int concentrations in variable to the concentration of the concent	NONE NONE Waste HE ABOV tions of Ve. d above, w	APP PERFORMAN 258.41(a) CCW V V CC CC CCW CCW	WE - Constitution GENERATOR SAL RESTRIC	TMENT SPECIFIED TECHNOLOGY 268.42 TNCTN Ent concentrations in vicent concentrations in vicen	WASTE M. ME WASTE WATER	5. ANA GEMENT THOD NON-WASTE WATER	
Complete specific te specific	MANIFEST LINE # 11 & 11 & 11 & 11 & 11 & 11 & 11 & 1	ndards section by pla (listed above). olumn that applies to 3. SUBCATEGORY DESCRIPTION Int concentrations in the concentrations in the concentration of t	NONE NONE Waste HE ABOV tions of Ve. d above, w	APP PERFORMAN 258.41(a) CCW V V CC CC CCW CCW	WE - Constitution GENERATOR SAL RESTRIC	TMENT SPECIFIED TECHNOLOGY 268.42 TNCTN Ent concentrations in vicent concentrations in vicen	WASTE M. ME WASTE WATER	5. ANA GEMENT THOD NON-WASTE WATER	
Complete specific te specific te Place a chi. HAZARDOUS ASTE CODE FOOS FOOS DO27 DO40 NO3C1 VTOI	MANIFEST LINE # 11 & 11 & 11 & 11 & 11 & 11 & 11 & 1	ndards section by pla (listed above). olumn that applies to 3. SUBCATEGORY DESCRIPTION Int concentrations in variable to the concentration of the concent	NONE NONE Waste HE ABOV tions of Ve. d above, w	APP PERFORMAN 258.41(a) CCW V V CCW CC	WE - Constitution GENERATOR SAL RESTRICE under the above to EPA land dispose	TMENT SPECIFIED TECHNOLOGY 268.42 TNCTN Ent concentrations in vicent concentrations in vicen	WASTE M. WASTE WATER waste extract. numbers, I am initial	S. ANA GEMENT THOD NON-WASTE WATER	



LAND DISPOSAL RESTRICTIONS NOTIFICATION FORM POLLUTION SOLUTIONS OF VERMONT, INCORPORATED 2 AVENUE D, WILLISTON, VERMONT 05495 PHONE (802) 860-1200 FAX (802) 860-7313

(FOR USE WITH BULK DRUM SHIPMENTS)

GENERATOR: HEXCEL Corporation	EPAID# NJD986584134
MANIFEST/DOCUMENT #: VTDO 49478	W.I.P.#: 18611, 18028
EPA WASTE CODE(S): FOOS, FOOS, FOOS, NTO1, DOS	7, DO39, DO40

F001 to F005 SOLVENT WASTES:

WASTE DESCRIPTION 1 - Spentongenated Solvents used in Degreasing	Carbon Tetrachloride Methylene Chloride Tetrachloroethylene 1,1,1- Trichloroethane	WATER TCLP mg/L CCWE	WATER TOTAL mg/Kg CCW 5.6 33	TECHNOLOGY BASED	TOTAL mg/L CCW	LINE ITEM NUMBER
1 - Spent	Methylene Chloride Tetrachloroethylene	mg/L CCWE	5.6	BASED		NUMBER
Solvents used in Degreasing	Methylene Chloride Tetrachloroethylene				0.057	
Solvents used in Degreasing	Tetrachloroethylene		33			l
Degreasing 1	· ·		, 33		0.089	
-	1,1,1- Trichloroethane		5.6	1	0.056	
			5.6	į	0.054	
,	Trichloroethylene		5.6	ĺ	0.054	
[1	1,1,2-Trichloro-1,2,2-Trichlorofluroethane		28	,	0.057	
	Trichlorofluoromethane		33		0.02	
F002 - Spent C	Chlorobenzene		5.7		0.057	
	1,2-Dichlorobenzene	1	6.2		0.088	119
	Methylene Chloride		33		0.089	
	Tetrachioroethylene		5.6		0.056	
T .	1,1,1- Trichloroethane		5.6		0.054	
	1,1,2- Trichloroethane		7.6		0.030	
ľ	Trichloroethylene		5.6		0,054	
	1,1,2-Trichloro-1,2,2-Trichlorofluroethane		28		0.057	
	Trichlorofluoromethane		33		0.020	
['	THE ING TO THE BIANTA			į		
F003 - Spent A	Acetone	1	160		0.28	
	r-Butyl ALcohol	••'	2.6		5.6	
· · · · · · · · · · · · · · · · · · ·	Cyclohexanone	0.75			0.36	
	Ethyl Acetate		33		0.34	
1	Ethyl Benzene		6.0		0.057	
Ε	Ethyl Ether		160		0.12	
·	Methanol	0.75			5.6	
	Methly Isobutyl Ketone		33		0.14	
	Xylene		28		0.32	112
F004 - Spent C	Cresols (and cresylic acid)		3.2		0.77 .	
1	o-Cresol		5.6	. [0.11	
Solvents N	Vitrobenzene		14	1	0.068	
F005 - Spent B	Senzene		3.7		0.07	
	Carbon Disulfide	4.8		ĺ	0.014	
Solvents 2	2-Ethoxyathanol	Incin		Biolog. Deg. or		
				Incin		
12	sobutanol		170		5.6	
	Methyl Ethyl Ketone		36]	0.28	
i i	2-Nitropropane	Incin		Wet or chem oxi-		
1				dation followed		
1		1		by carbon		
1				absorbtion or		
1	· · ·			Incin		
Ìp.	yndine .	Ì	16		0.014	
	oluene		28		0.08	IIa
	1_					

I. The wastes identified on the above-mentioned manifest number and bearing the EPA Hazardous Waste Number(s) identified above are subject to the land disposal restrictions of 40 CFR 268. The wastes do not meet the treatment standards specified in 40 CFR 268 subpart D or the prohibitions specified in 40 CFR 268. 32 or RCRA Section 3001 (d). In compliance with the notification requirements of 40 CFR 268, we are indicating below the applicable subcategory, Treatability Group and Treatment Standard Reference to Five Section Code for how the waste must be treated.

LEGIBLE! PLEASE TYPE. SEE REVER

SIDE FOR INSTRUCTIONS

883870019



VERMONT AGENCY OF NATURAL RESOURCES HAZARDOUS MATERIALS MANAGEMENT

103. South Main Street Waterbury, Vermont 05671-0404

Please type (or print) (Form designed for use on e	- · · · · · · · · · · · · · · · · · · ·	02-244-6702			FOR	STATE USE ONLY		
UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA	1D No. 5.8.4.1.3.4 0	Manifest ocument No.	2. Page 1 of 1		the shaded areas is rederal law, but may ate law.		
3. Generator's Name and Mailing Address (wh	ere returned manifests are ma	anaged)			est Document N	umber		
Hexcel Corporation	v .	•		VT () ()4947			
205 Main Street, Lodi, 1	lew Jersev 07644		Ţ		Site (if different)	4.4.4.4.4.		
201 472-65		•		SAME				
5. Transporter 1 Company Name	6.	US EPA ID Numb	oer :	7.				
John PFrommer Transporte	1D 8	D 0 0 8 7 8	- 1:					
7. Transporter 2 Company Name	Inc. IF. H	US EPA ID Numb		C Trope 1 Li	Ct DA Dista	# & A 7 7 A 1 O		
7. Hansporter 2 Company Ivame	0.	OO EI A ID IVAIIIC				#AA332/3		
9. Designated Facility Name and Site Address		US EPA ID Num			one (800)			
		US EFA ID NUIII	L	E. Trans. 2 Lic. St. Plate # F. Trans. 2 Phone (
Pollution Solutions of V	ermont, inc.		L-					
2 Avenue D				G. State Facility's ID (Not Required)				
Williston, Vermont 0549	15 <u>V.</u> T	D 9 8 2 7 6.				360-1200		
1. US DOT Description (Including Proper Ship	nning Name, Hazard Class, an	d (D Number)	12. Contain		3. 14. Unit	Waste No.		
1. 00 DOT Bescription (including Froper Ching			No.	Type Qu	antity Wt/Vo			
RQ Waste Flammable Liqui	d nos Gride	# 27				DOO4 ,DOO1,DO39		
Flamable liquid UN199	3	" -1	{			STATE		
(D001) (Toluene, Xylen	e)		XX5	M X X	275 5			
R b.		" 04				F003, F002		
RQ Hazardous Waste Liqui		# 31				STATE		
ORM-E NA9189 (F00	3)		K Y/1 T	MXX	aao G	SIAIE		
C			777		440	EPA		
RQ Hazardous Waste Solid		# 31	1 1			D009		
ORM-E NA9189 (DOO	9)		J	Sia C 4	P	STATE		
	- 		XX6	DW X I	5:05	EPA		
RQ Hazardous Waste Solid	, n.o.s. Guide	# 31		J	P	D039		
ORM-E NA9189 (DO3					1.9	STATE		
			XX6	MXI	963	<u> </u>		
J. Additional Descriptions for Materials Listed A D005, F002, F003, D009	bove	•		C. Handling Co	des for Wastes L Final I Int	erim Final		
°0il 85-90% Water 10%	C. Methyl P	araben Solids	100% a		C. (
Xylene 1% Toluene 1%				S01	T S	D1 T		
DOOR DOOR INADI (031)	ang d		77 TABLE 1887 T	<u> </u>	@#T_T_T	<u> </u>		
D008, D009 LNAPL(011)	Floor Swe	eps 100%	5.00 A 10 A	S01	<u>T</u> S	<u>)1 T</u>		
15. Special Handling Instructions and Additional	Information	Point of Depart	arture or Entry -	- City, State	age of			
DI Job # 920143	PO # 2198	Lodi,	New Jers	sey		,		
VIN#	NJ Decal #444	680-446	47					
24Hr. Emergency Phone #/	3011 677-18	200	•					
16. GENERATOR'S CERTIFICATION: I hereb	declare that the contents of t	his consignment are fully	y and accurately	y described ab	ove by			
proper shipping name and are classified, paccording to applicable international and n	acked, marked, and labeled, a	and are in all respects in	proper conditio	n for transport	by highway			
- '''	· -			1.				
If I am a large quantity generator, I certify the economically practicable and that I have so	hat I have a program in place to elected the practicable method	o reduce the volume and Lof treatment: storage, o	toxicity of wasti or disposal curre	e generated to ently available	the degree I have to me which mini	mizes the present		
and future threat to human health and the	environment: OR, if I am 'a sma	all quantity operator. I ha	ve made a good	d faith effort to	minimize my was	te generation and		
select the best waste management method Printed/Typed Name	mat is available to file and th	Signature N :	1.0	01-1		Month Day Year		
LY ESTAM E TA	I EH	ESAH	15	MAH		- 0-		
17 Transporter 1 Address to described	int of Materials	17. 2017.	/	· W V		02104193		
17. Transporter 1 Acknowledgement of Rece	ipt of Materials	Signatura		1		Month Day Year		
Prioted/Typed Name		Signature	():/			Month Day Year		
* KAYMOND CI	ISAMAN	X Kayma	me T	ush	man	020443		
18. Transporter 2 Acknowledgement of Rece	ipt of Materials	1//						
Printed/Typed Name		Signature				Month Day Year		
18. Transporter 2 Acknowledgement of Rece Printed/Typed Name	· · · · · · · · · · · · · · · · · · ·	<u> </u>						
19. Discrepancy Indication Space			,					
	•							
					222270	Λ1Q		

	mg/kg non-liquids Nickel (liquid was Thallium (liquid w	(Incineratic) wastes that contain ha i. (INCIN) (HOC's four te) > 134 ppm	nd in 268.3 [] As > 55 [] Pb > 50	2 Appendix III). 0 ppm	> 100 ppm > 100 ppm	i total concentration [] Cr > 500 ppm [] TI > 130 ppm de > 1000 ppm	> or equal to 1,00		or 1,000
• ::	TREAT TO BELOV	V CALIFORNIA LIST	CONCENT	RATIONS					
IIL AC	No additional haz	DOUS CHARACTERIS ardous characteristic a rds for the additional h	re exhibited	d by this waste v characteristics re	chich would rec equiring treatme	quire treatment beyonent are indicated bek	nd the standard o	described above.	•
TABLE A		S WASTE CHARACTI plicable subcategories		REATMENT S	randards (4	0 CFR 268)			
	AZARDOUS WASTE	SUBCATAGORIES	$\neg \top$	NON-WASTE WA		WASTE WATER TOTAL (mg/L)		-	
[]D001 - I []D001 - I []D001 - I []D001 - C []D002 - J	gnitable liquids > 10; gnitable liquids < 10; gnitable liquids < 1% gnitable compressed oxidizers ccidic corrosives Lixaline corrosives	6 TOC TOC, < 1% TSS	ı	NGIN, FSUBS, RODEACT NA DEACT DEACT DEACT DEACT DEACT DEACT DEACT		NIA NIA DEACT NIA DEACT DEACT DEACT			•
ABBREVI	TONS OF TECHN	OLOGY CODES FRO	M 40 CFR	268.42:					
AMLGM BIODG CARBN CHOXD DEACT FSUBS TABLE 2:	Amalgamation Biological deg Carbon abson Chemical oxid Deactivation to Fuel substituti	radation otion ation o remove the characteri	stic	11 R R R	ICIN I LEAD . T ORGS F THRM T	Incineration followed noineration Thermal recovery of Recovery of organics Thermal recovery Wet air oxidation	lead in secondary		
3. List 4. Con spe 5. Plac	the corresponding s aplete the treatment cific technology colu e a checkmark in th	e column that applies to	e if there is acing a ch	no subcategory eckmark in the a	ppropriate perf	ormance-based colu		ppropriate code i	in the
1.	2.	3.	•		PLICABLE TREA		WASTE MA	WASTE MANAGEMENT METHOD	
HAZARDO		SUBCATEGORY		258.41(a)	268.43	SPECIFIED TECHNOLOGY	WASTE WATER	NON-WASTE WATER	
DOOL,	IIA	Tenittle liquid	NONE	ccw	CCME	258.42 INCI N	WAIEN	WATER	1 .
0004	1197	ASJUTHE INC.A	~		V			V .	
2039	119, 114				·				
0005	llbi.		V	Y					1
F005	119, 114		Y	Y					
F003	الصال			1	V				
D008									
<u>Doog</u>	علاطال رطال		لبخيا		NA/E Constitu	ent concentrations in			
identified by	[] ANALYSIS] THIS WASTE IS 40 CFR 268.7, I am EPA Code(s) and S	uent concentrations in a ATTACHED NOT SUBJECT TO To notifying Pollution Solution Solution Solutions of Pollution Solutions of	THE ABOV tions of Ve d above, w	E LAND DISPO	GENERATOR SAL RESTRIC under the above to EPA land dis	KNOWLEDGE TIONS W.I.P. and manifes sposal restrictions		shipping a waste	
SIGNED:	ESAM	E SAH	1	<u> </u>	DATE:_	02/04	193		
					_	7 7			